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Outline of Microarray Chip Technology

Approach

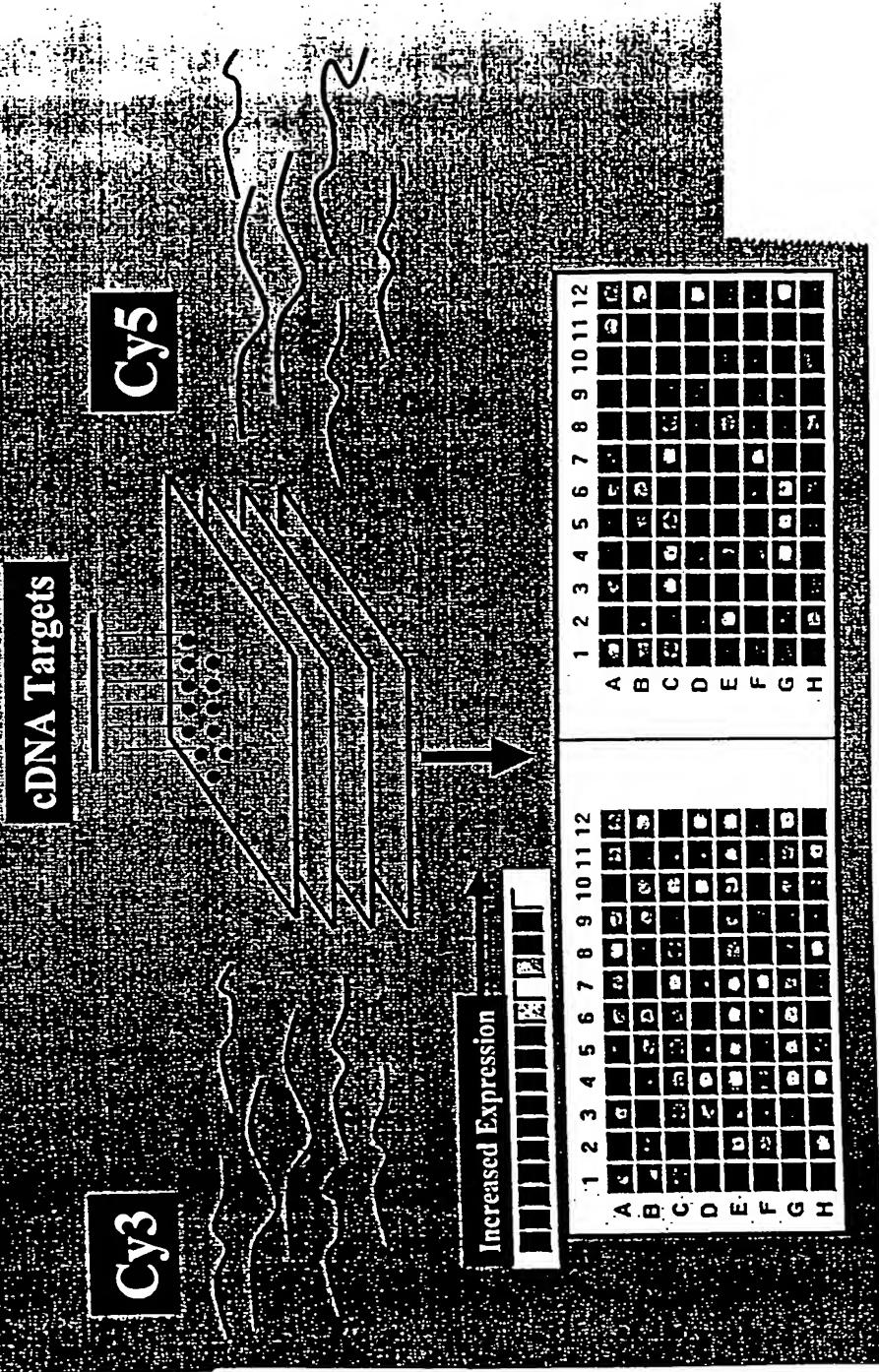


FIG. 1

General protocol for *in vitro* whole gene CD8 T cell priming

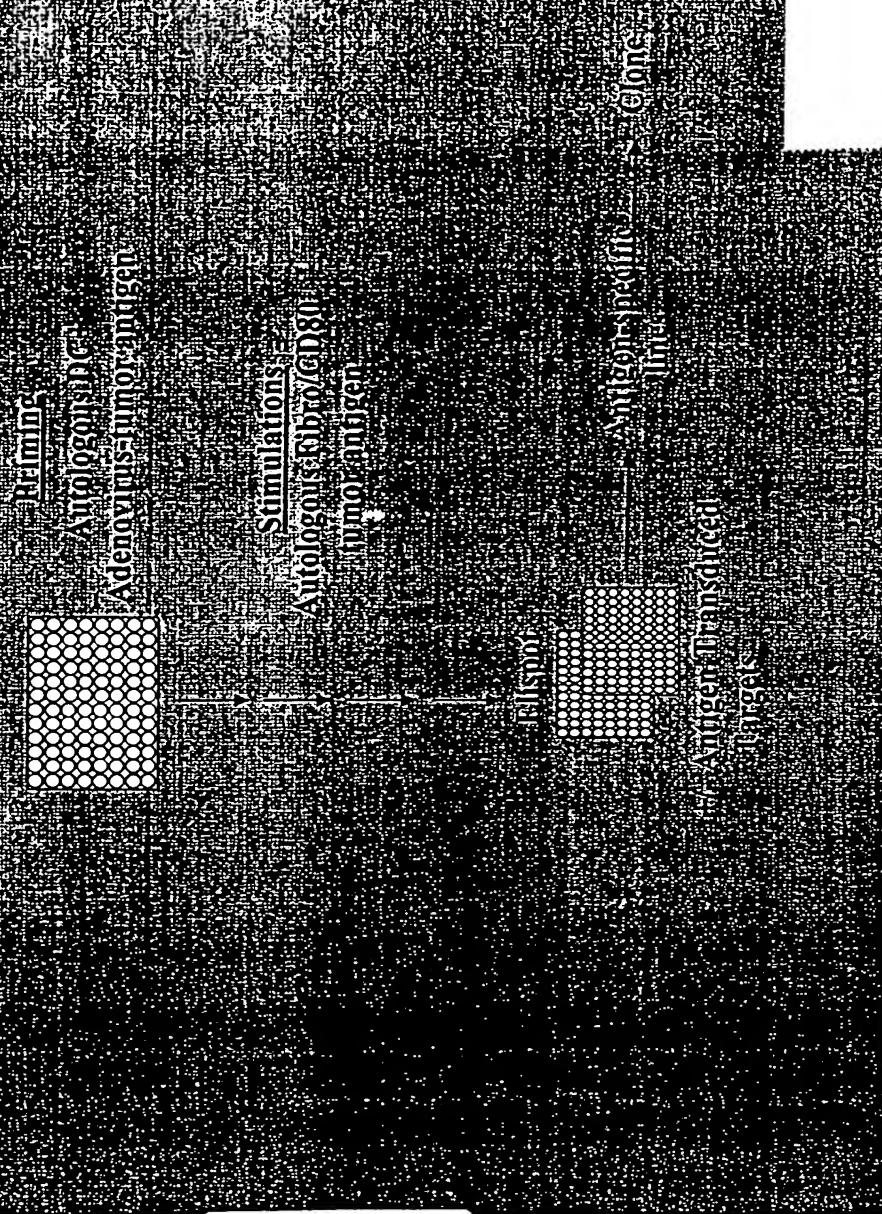


FIG. 2

General protocol for *in-vivo* whole gene CDA T cell priming

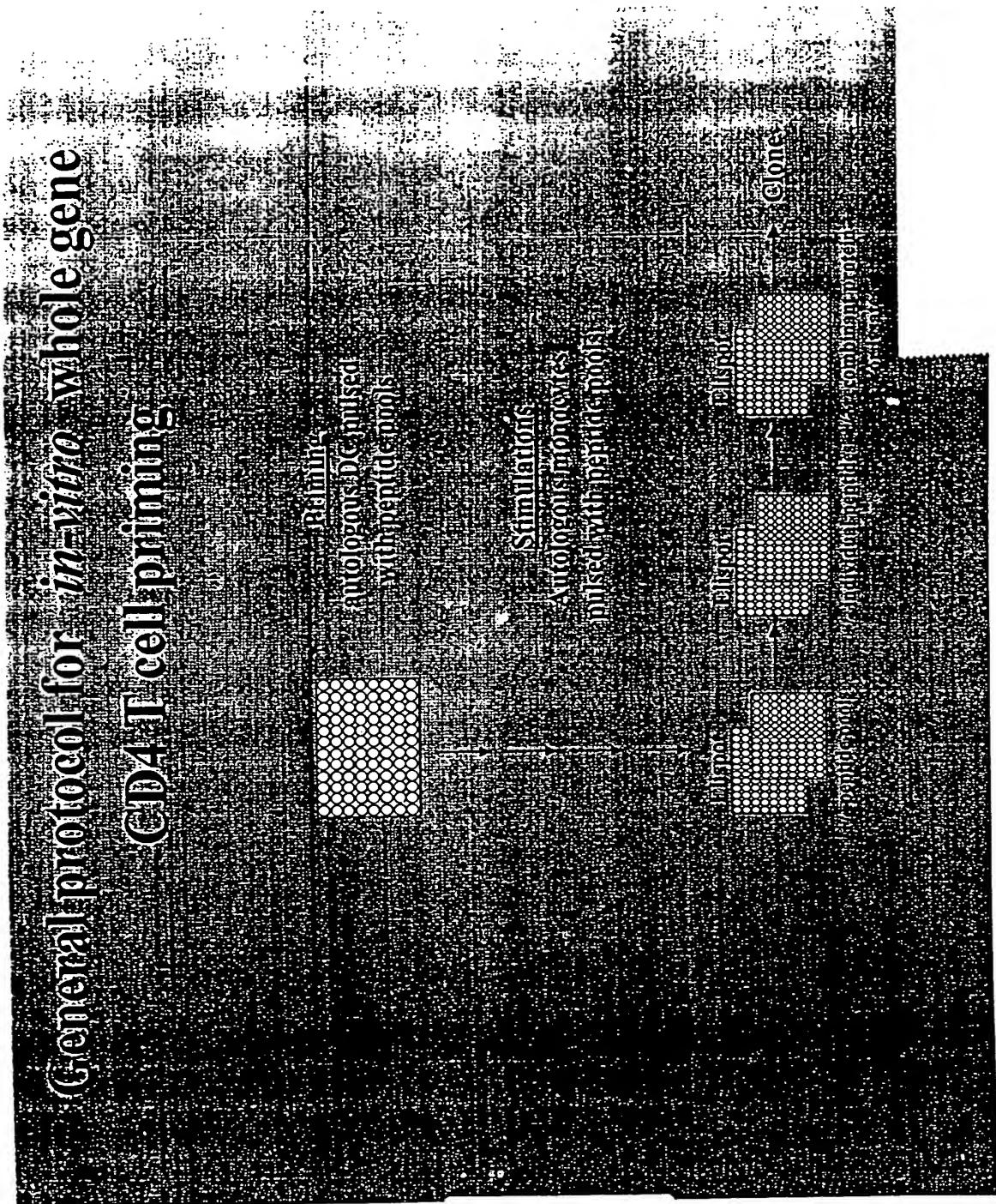


FIG. 3

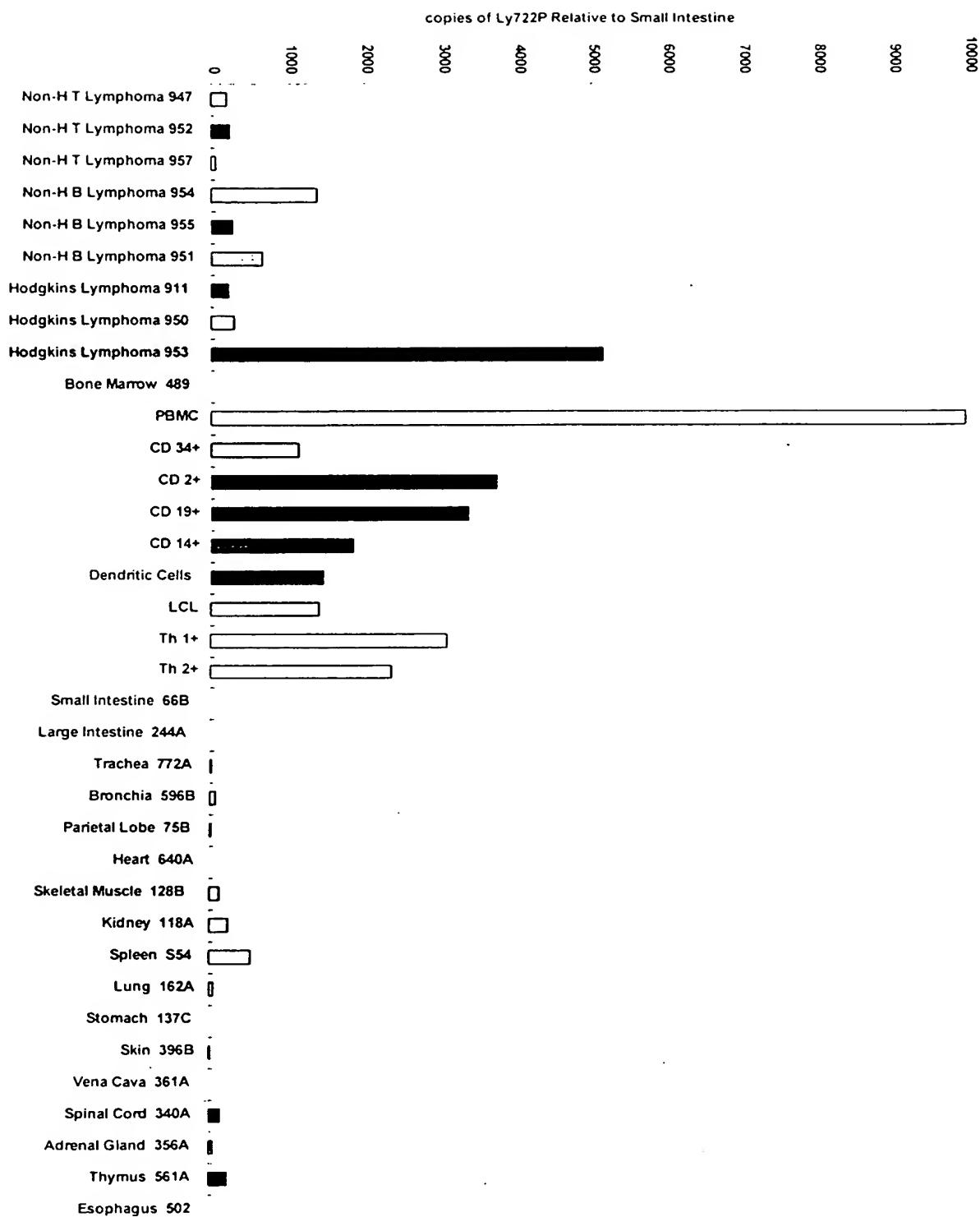


FIG. 4

copies of TCL/ 1000 pg actin

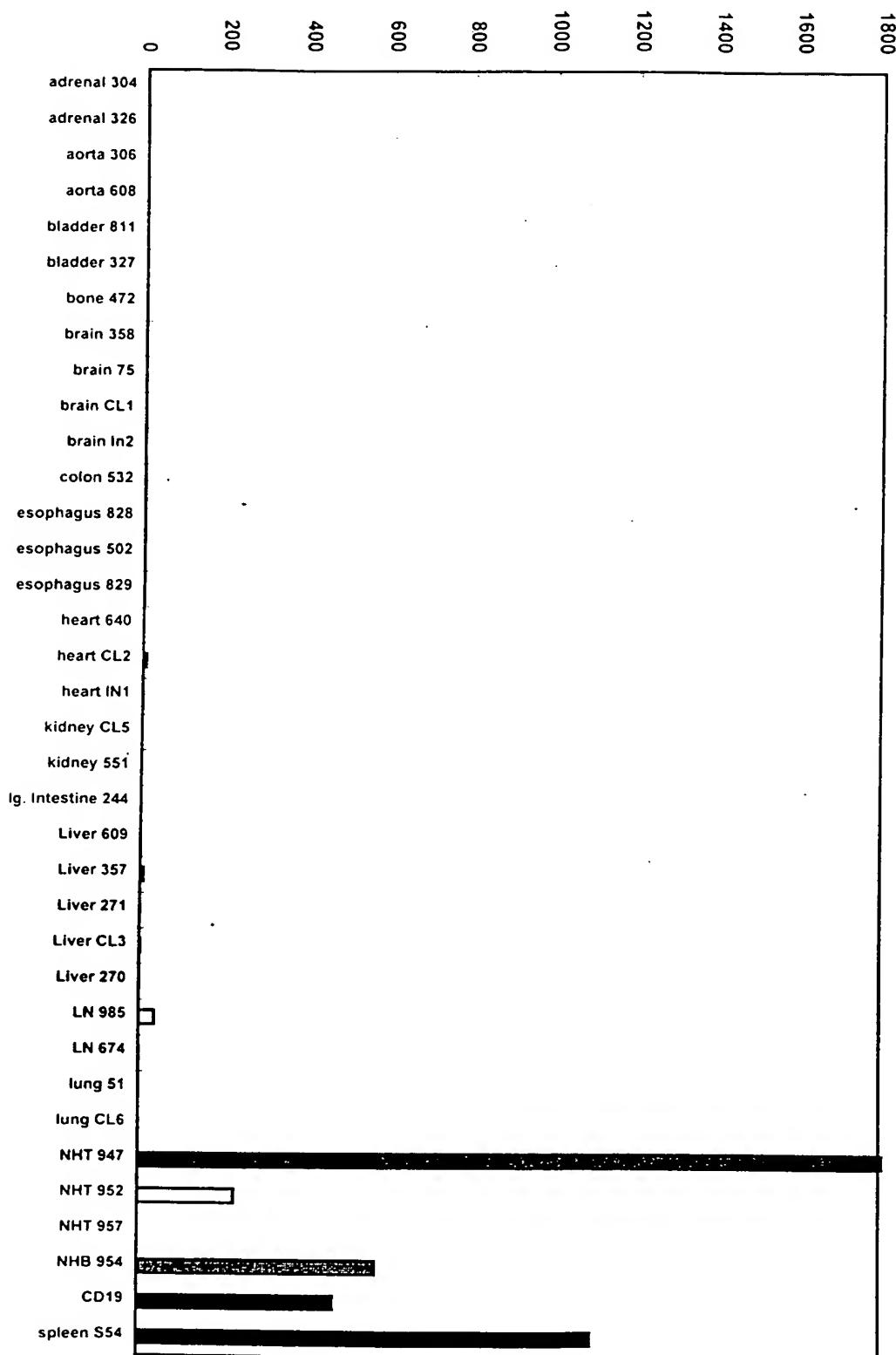


FIG. 5

Chromosome 1:



LS#368109.1

Exons

LS#1384258.1

Exons

Legend:

- Exon (vertical bar with horizontal dashes)
- ORF (horizontal bar)

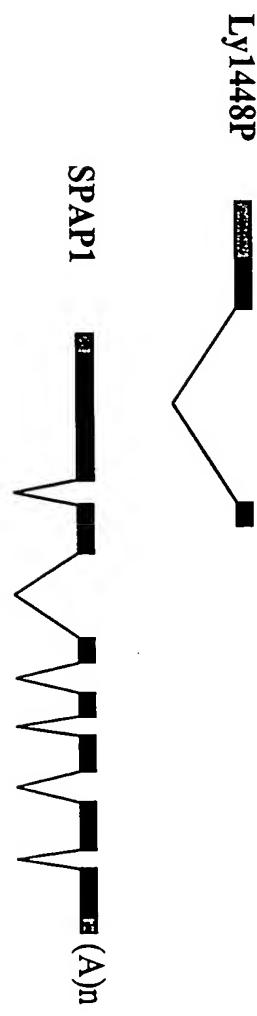


FIG. 6

A - AMPHI mid points of blocks.

R - Residues matching the Rothbard/Taylor motif.

D - Residues matching the IAd motif.

d - Residues matching the IEd motif.

5 10 15 20 25 30 35 40 45 50 55 60 65 70 75
 MGKKTQRSLSAELEIPAVKESDAGKYCRADNGHVPPIQSKVNVIPVVRPVLTLRSPGAQAAVGDLIELHCE
AAAAA.....AAAAA.....RRRRR.....RRRRR.....AAAAAAA.....RRRRR.....R
DDDDDD.....DDDDDDDD.....
 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150
 ALRGSPPILYQFYHEDVTLGNSSAPSGGGASFNLSLTAEHSGNYSCEANNGLGAQCSEAVPVSISGPDGYRRLML
RRR.....RRRRR.....DDDDDD.....AAAAAAA.....AAA.....AAAAAAA.....RRR

 155 160 165 170 175 180 185 190 195 200 205 210 215 220 225
 TAGVLWGLFGVLGFTGVALLLYALFHKISGESSATNEPRGASRPNPQEFTYSSPTPDMEELQPVYVNGSVDVDV
AAAAAAA.....AAAAAAA.....AAAAAAA.....RRRRR.....RRRRR.....RRR
 R.RRRRRRRRRRRRRR.....DDDDDD.....DDDDDD.....DDDD.....

 230 235 240 245 250 255 260 265 270 275 280 285 290 295 300
 VYSQVWSMQPESSANIRTLLENKDSQVIYSSVKKS
AAAAA.....RRRRR.....
 RRR.....RRRRR.....
 DDD.....

FIG. 7

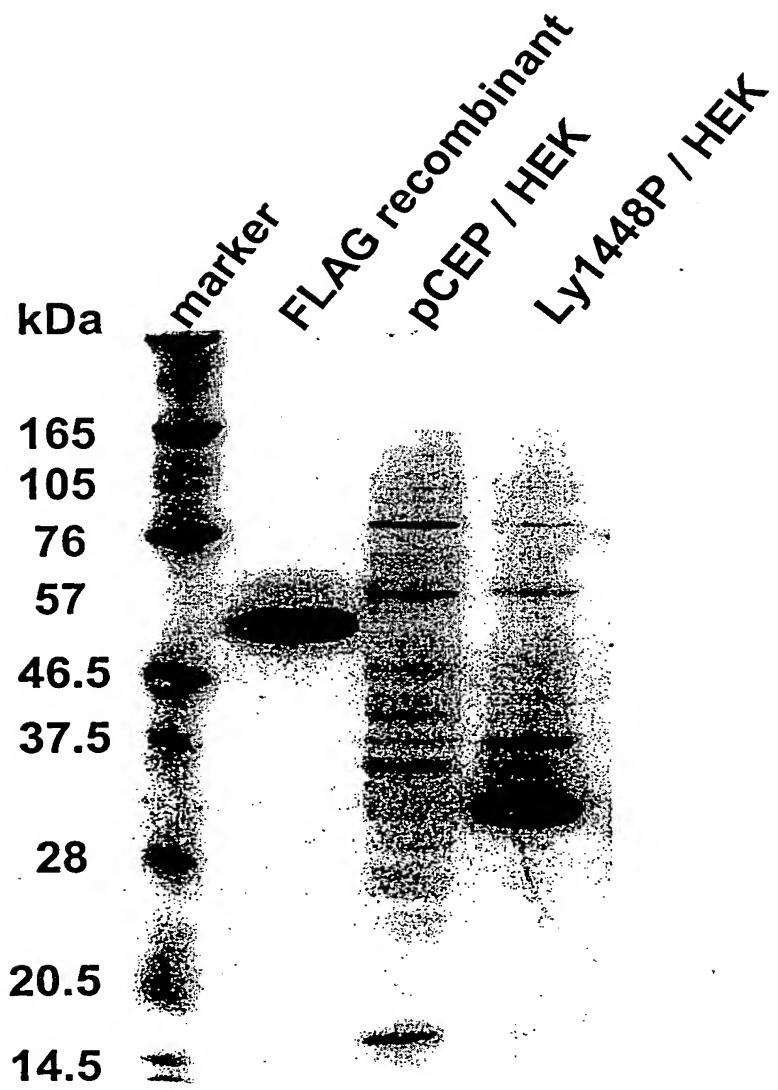


FIG. 8

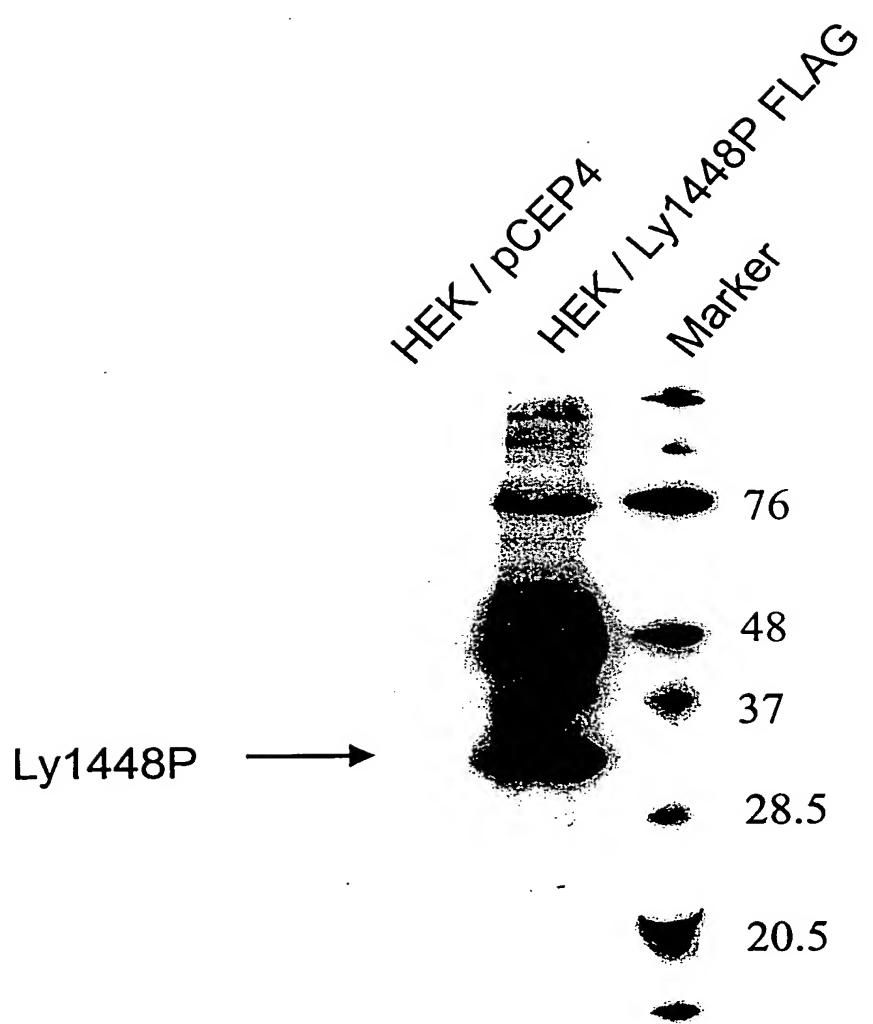


FIG. 9